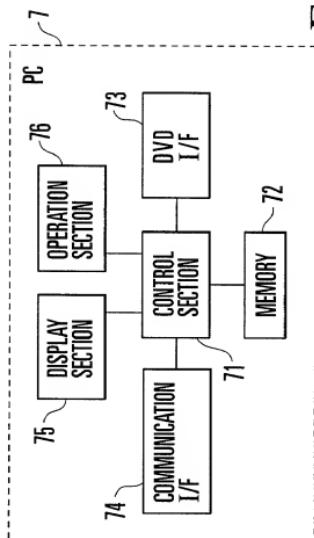
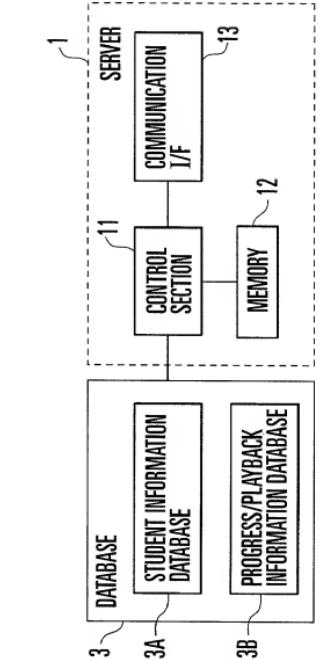
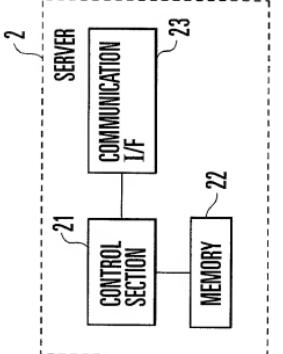


FIG. 1



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### SOFTWARE OF PC 7

<b>PLAYBACK ASSISTANT SOFTWARE</b>	7A
<b>FUNCTION OF REPAIRING IFO FILE OR VOB FILE OF DVD</b>	
<b>PLAYBACK OBJECT</b>	7B
<p>FUNCTION OF TRANSFERRING DATA TO PLAYBACK ASSISTANT SOFTWARE AND INSTRUCTING IT TO REPAIR FILE OF DVD ON THE BASIS OF EXECUTION OF SOFTWARE (INTERNET BROWSER) FOR BROWSING HOMEPAGE OF INTERNET IN ACCORDANCE WITH INSTRUCTION FROM SERVER SIDE AND FUNCTION OF DISPLAYING PLAYBACK WINDOW OF DVD</p>	
<b>ODO PLAYER</b>	7C
<p>FUNCTION OF PLAYING BACK INFORMATION FROM DVD IN ACCORDANCE WITH INSTRUCTION FROM PLAYBACK OBJECT</p>	

**FIG. 3A**

### SOFTWARE AND DATA OF SERVER 1

SOFTWARE	DATA
<b>SECURITY GATE</b> FUNCTION OF INHIBITING USER FROM BROWSING IMPERMISSIBLE PAGE AND FUNCTION OF SENDING APPROPRIATE WEB PAGE TO PC 7 (SOFTWARE THAT RUNS ON SERVER SIDE)	<b>WEB PAGE</b> TEXTBOOK PREPARED BY TEACHER (LOADED IN PC AND DISPLAYED WHEN INTERNET BROWSER OF PC 7 IS EXECUTED) <b>STUDENT INFORMATION DATABASE</b> CORRESPONDENCE TABLE BETWEEN STUDENT AND PROGRESS OF EACH SUBJECT <b>PROGRESS/PLAYBACK INFORMATION DATABASE</b> • CORRESPONDENCE TABLE BETWEEN PROGRESS (PAGE) OF EACH ITEM AND PLAYBACK CLIP NAME • CORRESPONDENCE TABLE BETWEEN WEB PAGE AND DVD PLAYBACK POSITION

**FIG. 3B**

### SOFTWARE AND DATA OF SERVER 2

SOFTWARE	DATA
<b>SERVER-SIDE PLAYBACK CONTROL OBJECT</b> FUNCTION OF TRANSFERRING DVD REPAIR INFORMATION TO CLIENT-SIDE PLAYBACK CONTROL OBJECT AND FUNCTION OF TRANSFERRING PLAYBACK CONTROL INFORMATION TO CLIENT-SIDE PLAYBACK CONTROL OBJECT (SOFTWARE THAT RUNS ON SERVER SIDE) <b>CLIENT-SIDE PLAYBACK CONTROL OBJECT</b> SOFTWARE THAT RUNS WHEN LOADED IN THE PC IN ACCORDANCE WITH INSTRUCTION OF WEB PAGE BY EXECUTING INTERNET BROWSER OF PC 7. THIS SOFTWARE TRANSMITS REPAIR INFORMATION FOR DVD PLAYBACK FROM SERVER-SIDE PLAYBACK CONTROL OBJECT TO PLAYBACK OBJECT OF PC 7 IN ACCORDANCE WITH INSTRUCTION OF WEB PAGE.	<b>DVD REPAIR INFORMATION</b> REPAIR IFO, REPAIR VOB <b>DATABASE</b> CORRESPONDENCE TABLE BETWEEN PLAYBACK CLIP NAME, REPAIR INFORMATION, AND OVO PLAYBACK POSITION

**FIG. 3C**

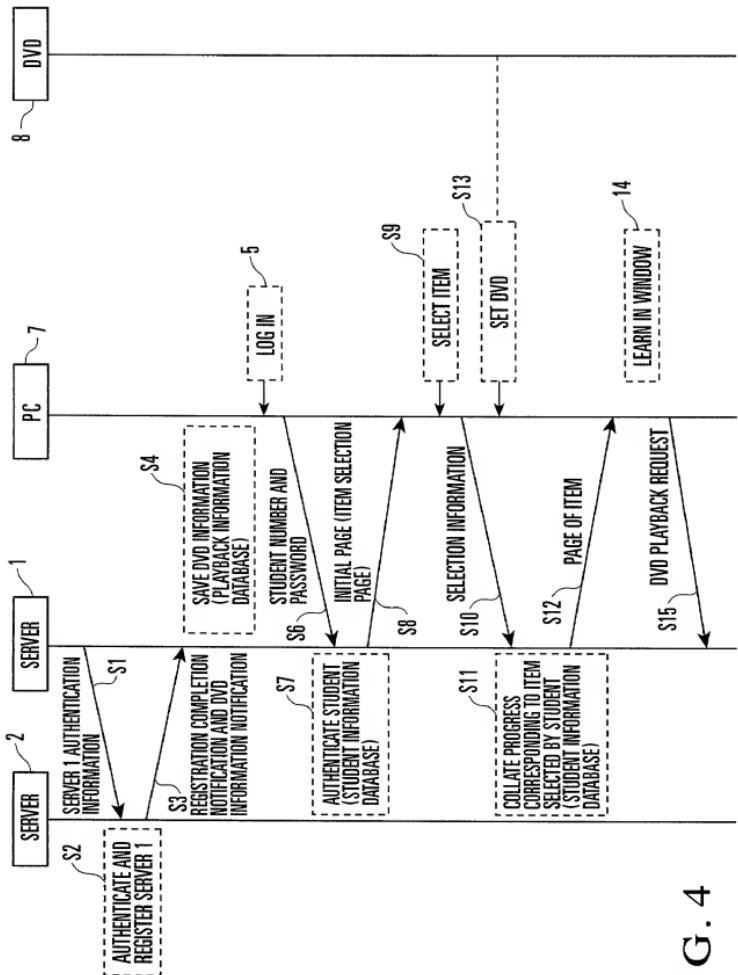


FIG. 4



FIG. 5

- ① CAUSE CLIENT-SIDE PLAYBACK CONTROL OBJECT TO ACQUIRE REPAIR IFO INFORMATION
- ② TRANSFER REPAIR IFO INFORMATION FROM CLIENT-SIDE PLAYBACK CONTROL OBJECT TO PLAYBACK ASSISTANT SOFTWARE
- ③ TRANSFER REPAIR IFO INFORMATION FROM PLAYBACK OBJECT TO PLAYBACK ASSISTANT SOFTWARE
- ④ CAUSE PLAYBACK ASSISTANT SOFTWARE TO SEND REPAIR INFORMATION REGISTRATION COMPLETION NOTIFICATION
- ⑤ CAUSE PLAYBACK OBJECT TO SEND REPAIR INFORMATION REGISTRATION COMPLETION NOTIFICATION
- ⑥ CAUSE CLIENT-SIDE PLAYBACK CONTROL OBJECT TO SEND REPAIR INFORMATION REGISTRATION COMPLETION NOTIFICATION TO SERVER-SIDE PLAYBACK CONTROL OBJECT

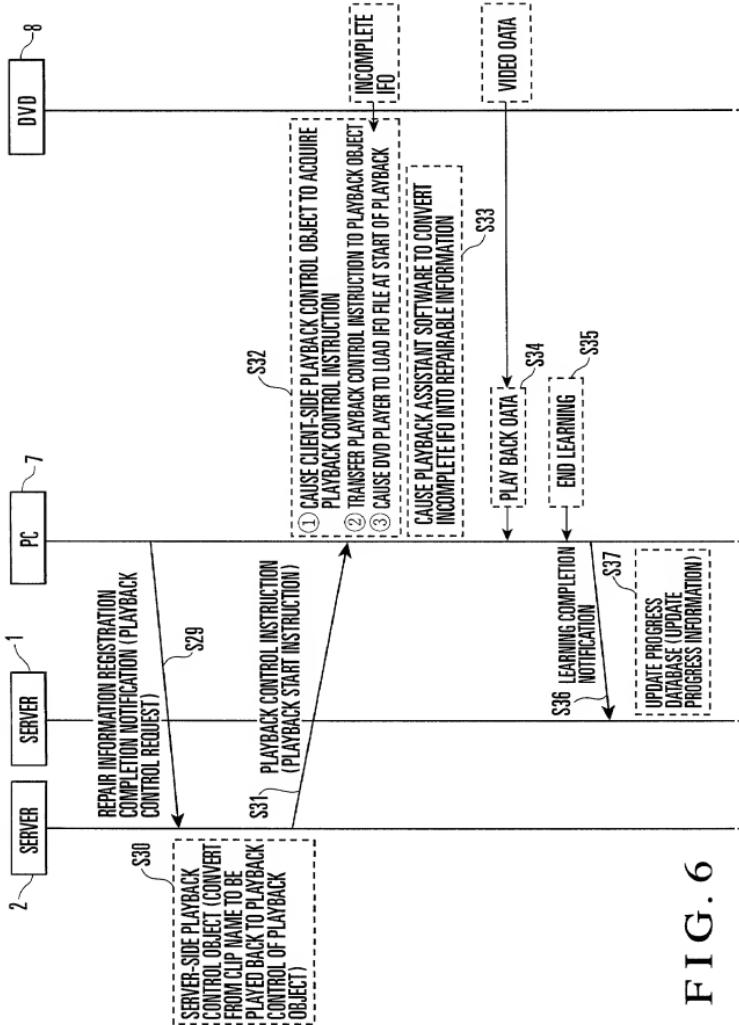
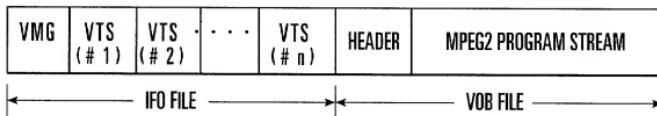


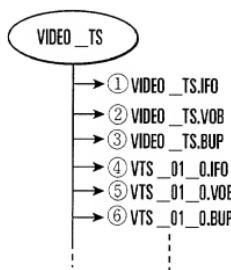
FIG. 6



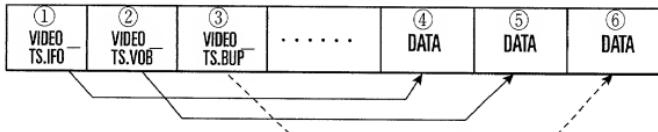
**FIG. 7A**



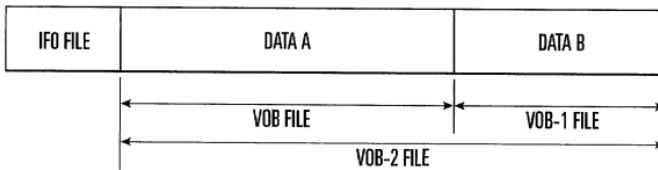
**FIG. 7B**



**FIG. 7C**



**FIG. 7D**



**FIG. 7E**

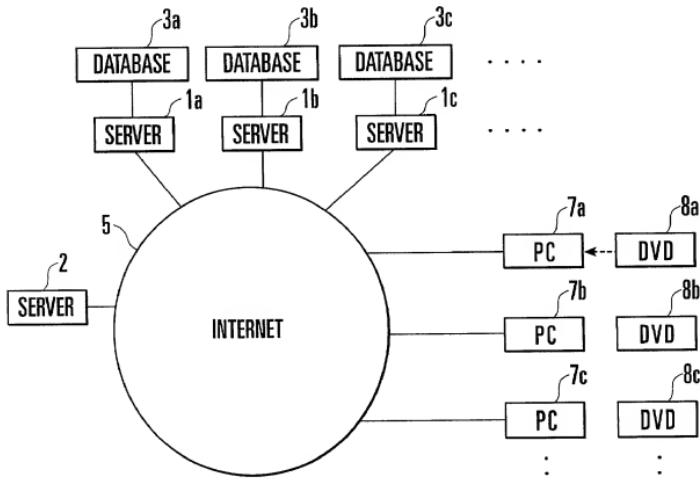


FIG. 8

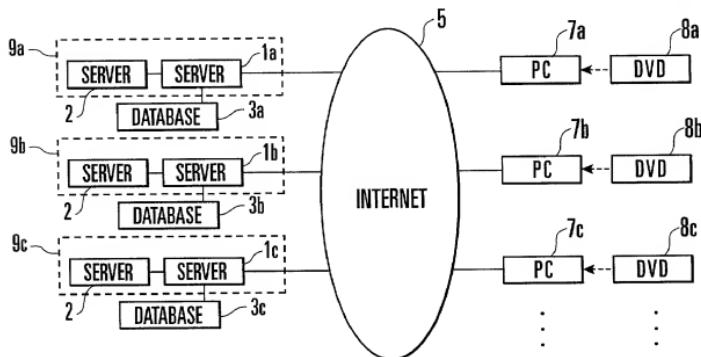


FIG. 9